



(19)



JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

(11) Publication number:

10090376 A

(43) Date of publication of application: 10.04.1998

(51) Int. Cl.

G01R 31/327

G01R 31/333, H02H 3/05

(21) Application number:

08241989

(22) Date of filing:

12.09.1996

(71) Applicant: MITSUBISHI ELECTRIC CORP

(72) Inventor: SATO TATSUO

HIRATA JUICHI

KINOSHITA SADAYUKI

## (54) METHOD FOR CONTROLLING SWITCH

## TESTING CIRCUIT

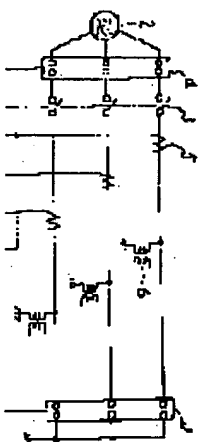
(57) Abstract:

**PROBLEM TO BE SOLVED:** To quickly disconnect power supply by detecting the breaking disable state of a circuit breaker to be tested by continuously monitoring electrical measured values until tests are terminated after a preset point of time and opening a protective circuit breaker when the measured values do not fall within a prescribed range.

**SOLUTION:** When the breaking operation of a circuit breaker 1 is failed, a closing command is sent to a power-on device 3 by operating the contact 8a of a se-

scribed range, namely, the set value  $11''$  of a second OCR 11 at the point of time  $T_{12}$ . B and C-phase contacts  $11''$  are closed and the contactor of a protective circuit breaker 4 is separated. Therefore, the current is broken and the tests are terminated at a point of time  $T_{11}$ .

COPYRIGHT: (C)1998,JPO





OrderPatent